


January 5, 2007



Commissioner for Patents  
Office of Patent Publication  
Attention: Certificates of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RE: Patent No.:** 7,144,739  
**Application No.:** 10/065,851  
**Inventor:** William E. Jennings  
**Issue Date:** December 5, 2006  
**Title:** Pressure Measurement and Relief for  
Microwave Assisted Chemical Reactions

Dear Commissioner:

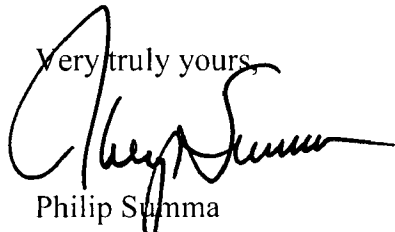
It is respectfully requested that a Certificate of Correction be issued for the above-referenced patent in accordance with 35 U.S.C. § 254 and 37 C.F.R. § 1.322. This request is made in order to correct the mistake incurred through the fault of the Patent Office.

Copies of Amendments submitted November 2, 2005 (pages 1-3) and July 10, 2006 (pages 1-2) are attached indicating Claim 1 was amended with the same change twice; however, it was not incorporated into the Letters Patent.

The mistake appearing in Patent No. 7,144,739 is set forth on the Certificate of Correction attached herewith.

Thank you for your assistance in this matter.

Very truly yours,



Philip Summa  
Registration No. 31,573

Attachments

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,144,739 B2

APPLICATION NO.: 10/065,851

ISSUE DATE : December 5, 2006

INVENTOR(S) : William E. Jennings

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 1, column 11, line 24, delete "an adjustable a clamp" and insert therefor - - "an adjustable clamp" - -

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Philip Summa, Registration No. 31,573  
Summa, Allan & Additon, P.A., 11610 N. Community House Road, Suite 200, Charlotte, NC 28277

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

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**Attorney Docket No. 1700.125  
Confirmation No. 3373****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: William E. Jennings

Group Art Unit: 1743

Serial No.: 10/065,851

Filed: November 26, 2002

For: **PRESSURE MEASUREMENT AND RELIEF FOR  
MICROWAVE-ASSISTED CHEMICAL REACTIONS**

November 2, 2005

Commissioner for Patents  
Alexandria, VA 22313-1450**Response**

Sir:

This is in response to the Official Action mailed August 1, 2005, and the Office Communication mailed October 28, 2005.

Amendments to the specification begin on Page 2.

Amendments to the claims begin on Page 3.

Corrected drawings are enclosed on one (1) separate sheet.

A petition for a one (1) month extension of time is being filed concurrently herewith. Form PTO/SB/06 is also being filed concurrently herewith to address the presence of the additional independent claim included as a part of this amendment. Payment for both items is included by credit card, and the Commissioner is authorized to charge any additional required fees or credit any overpayment to Deposit Account No. 50-0332.

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In re Jennings  
Ser. No. 10/063,851  
Filed November 26, 2002  
Page 2

Amendments to the Specification

Please amend the specification as follows:

Please delete the phrase "[New Section Title]" from between Paragraphs 0039 and 0040.

In re Jennings  
Ser. No. 10/065,851  
Filed November 26, 2002  
Page 3

#### Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in this application.

#### Listing of Claims

1. (Currently Amended) A pressure-sealing, pressure-monitoring closure for non-invasively sealing a reaction vessel to a defined release pressure in microwave-assisted chemistry, said closure comprising:

a pressure-resistant, microwave-transparent reaction vessel, one portion of which defines a mouth for said vessel;

a flexible pressure-transmitting septum ~~releasable cover assembly~~ on said mouth of said vessel;

a flexible cap for fixing the perimeter of said septum to the perimeter of said mouth of said vessel in an independent gas-tight relationship;

a pressure transducer ~~on contacting said septum cover assembly~~ and external to said vessel for monitoring the pressure in said vessel as exerted against said flexible septum ~~cover assembly~~; and

an adjustable a clamp for urging said vessel, said septum, said cap, ~~cover assembly~~ and said transducer together under a defined force so that when the pressure in said vessel exceeds both the defined clamping force and the gas-tight relationship of said cap and said septum, ~~said septum and said cap cover assembly~~ can flex and release the pressure from said vessel.

2. (Original) A closure according to Claim 1 and further comprising:

a microwave source for applying microwave radiation to said vessel and its contents;  
means for moderating the microwave radiation applied to the vessel; and

**Attorney Docket No. 1700.125**  
**Confirmation No. 3373**

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: William E. Jennings

Group Art Unit: 1743

Serial No.: 10/065,851

Filed: November 26, 2002

For: PRESSURE MEASUREMENT AND RELIEF FOR  
MICROWAVE-ASSISTED CHEMICAL REACTIONS

July 10, 2006

Commissioner for Patents  
Alexandria, VA 22313-1450

**Response**

Sir:

This is in response to the Official Action mailed January 13, 2006 (Paper No./Mail  
Date 01102006)

Amendments to the claims begin on Page 2.

Brief Remarks begin on Page 12.

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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims

1. (Previously Amended) A pressure-sealing, pressure-monitoring closure for non-invasively sealing a reaction vessel to a defined release pressure in microwave-assisted chemistry, said closure comprising:

a pressure-resistant, microwave-transparent reaction vessel, one portion of which defines a mouth for said vessel;

a flexible pressure-transmitting septum on said mouth of said vessel;

a flexible cap for fixing the perimeter of said septum to the perimeter of said mouth of said vessel in an independent gas-tight relationship;

a pressure transducer contacting said septum and external to said vessel for monitoring the pressure in said vessel as exerted against said flexible septum; and

an adjustable a clamp for urging said vessel, said septum, said cap, and said transducer together under a defined force so that when the pressure in said vessel exceeds both the defined clamping force and the gas-tight relationship of said cap and said septum, said septum and said cap can flex and release the pressure from said vessel.

2. (Original) A closure according to Claim 1 and further comprising:

a microwave source for applying microwave radiation to said vessel and its contents;

means for moderating the microwave radiation applied to the vessel; and